



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ARNESS ET AL.

Atty. Ref.: 839-1428

Serial No. 10/630,750

Group: 3745

Filed: July 31, 2003

Examiner: Unassigned

For: AIRFOIL SHAPE FOR A TURBINE NOZZLE

* * * * *

November 5, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL OF POWER OF ATTORNEY

Attached hereto is an Exclusive Substitute Power of Attorney for the
above-identified patent application.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: Richard Besha
Richard G. Besha
Reg. No. 22,770

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* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY
AND EXCLUSIVE PROSECUTION HEREAFTER BY
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

ARNESS ET AL.
Serial No.

Certificate Under 37 C.F.R. §3.73(b)

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

GENERAL ELECTRIC COMPANY

July 31 2003 By: Ernest G. Cusick
Date Name:
Title: Patent Counsel

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, BRIAN PETER ARNESS, ROBERT ROMANY BY, GUNNAR LEIF SIDEN, POORNATHRESAN KRISHNAKUMAR, BRUCE LOREN SMITH and PETER CHRISTOPHER SELENT of 201 Buckler Court, Simpsonville, South Carolina 29681; 11 Hickory Twig Way, Simpsonville, South Carolina 29681; 3 Gallant Fox Way, Greenville, South Carolina 29615; 1101 Roper Mountain Road, Apt. 128, Greenville, South Carolina 29615; 2005 Brockman-McClimon Road, Greer, South Carolina 29651 and 1 Twisted Oak Court, Taylors, South Carolina 29687, hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled AIRFOIL SHAPE FOR A TURBINE NOZZLE

- ☒ signed as of even date,
☐ signed as of _____, or
☐ filed on _____ having Serial Number _____

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Brian Peter Arness
BRIAN PETER ARNESS

7/14/2003
Date

Witnessed by:

Name: [Signature] Date: July 14, 2003
Signature of witness

SEE BUN BRIAN CHAN
Printed name of witness

Name: [Signature] Date: July 14, 2003
Signature of witness

John Greene
Printed name of witness

STATE OF SC

ss):

COUNTY OF Greenville

This 14 day of July, 2003, before me personally came the above-named, BRIAN PETER ARNESS, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 6/6/13

Robert Romany By

ROBERT ROMANY BY

7/14/2003

Date

Witnessed by:

Name:

[Signature]

Signature of witness

Date:

July 14, 2003

SZE BUN BRIAN CHAN

Printed name of witness

Name:

[Signature]

Signature of witness

Date:

July 14, 2003

John Greene

Printed name of witness

STATE OF SC

ss):

COUNTY OF Greenville

This 14 day of July, 2003, before me personally came the above-named, ROBERT ROMANY BY, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]

Notary Public

My Commission Expires: 6/6/13

Gunnar Leif Siden
GUNNAR LEIF SIDEN

7/28/2003
Date

Witnessed by:

Name: [Signature] Date: 7/28/2003
Signature of witness

James Fehlbeg
Printed name of witness

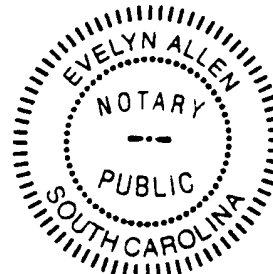
Name: [Signature] Date: 7-28-2003
Signature of witness

Scott Sparks
Printed name of witness

STATE OF South Carolina

ss):

COUNTY OF Greenville



This 28th day of July, 2003, before me personally came the above-named, GUNNAR LEIF SIDEN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 2005

POORNATHRESAN KRISHNAKUMAR
POORNATHRESAN KRISHNAKUMAR

7/14/2003
Date

Witnessed by:

Name: [Signature] Date: July 14, 2003
Signature of witness

SZE BUN BRIAN CHAN
Printed name of witness

Name: [Signature] Date: July 14, 2003
Signature of witness

John Greene
Printed name of witness

STATE OF SC

ss):

COUNTY OF Greenville

This 14 day of July, 2003, before me personally came the above-named, POORNATHRESAN KRISHNAKUMAR, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 6/16/13

Bruce Loren Smith
BRUCE LOREN SMITH

7/14/2003
Date

Witnessed by:

Name: Chris [Signature]
Signature of witness
S2E BUN BRIAN CHON
Printed name of witness

Date: July 14, 2003

Name: John Greene
Signature of witness
John Greene
Printed name of witness

Date: July 14, 2003

STATE OF SC

ss):

COUNTY OF Greenville

This 14 day of July, 2003, before me personally came the above-named, BRUCE LOREN SMITH, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]
Notary Public

My Commission Expires: 6/6/13

Peter Christopher Seilent
PETER CHRISTOPHER SEILENT

7/14/03
Date

Witnessed by:

Name: Chen E. Chan
Signature of witness

Date: July 14, 2003

SZE BUN BRIAN CHAN
Printed name of witness

Name: John Greene
Signature of witness

Date: July 14, 2003

John Greene
Printed name of witness

STATE OF SC

ss):

COUNTY OF Greenville

This 14 day of July, 2003, before me personally came the above-named, PETER CHRISTOPHER SEILENT, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Mary Joell
Notary Public

My Commission Expires: 6/6/13